






**Vibrator-type level sensor**

**Patent number:** EP0499265  
**Publication date:** 1992-08-19  
**Inventor:** UMEZAWA TAKAYUKI (JP); KAWAKITA TAKAO (JP)  
**Applicant:** NOHKEN INC (JP)  
**Classification:**  
- **international:** G01F23/22  
- **european:** G01F23/22; G01F23/296H2  
**Application number:** EP19920102494 19920214  
**Priority number(s):** JP19910106964 19910214

**Also published as:**

 US5247832 (A1)  
 JP4259823 (A)  
 FI920606 (A)  
 EP0499265 (A3)  
 EP0499265 (B1)

more &gt;&gt;

**Cited documents:**

 US4193291  
 JP62257027

**Report a data error here****Abstract of EP0499265**

In a vibrator-type level sensor, a detection pipe (14) is provided projecting from a base unit (1) to be mounted to a wall of a container (8) containing a substance (100) to be detected and the detection pipe (14) has an internal vibration plate (12) attached with a vibrating piezo-electric device (16) thereon; the internal vibration plate (12) are mechanically connected through an end cap (13) to the free end of the detection pipe (14, 140), to configure a folded cantilever unit (30).

---

Data supplied from the **esp@cenet** database - Worldwide